

***LineUp With Math™* Alignment**  
**Mathematics Grade-Level Expectations**

**Number and Number Relations**

**Grade-Level Expectations**

10. Use and explain estimation strategies to predict computational results with positive fractions and decimals (N-6-M)

***LineUp With Math™* Activities**

--Predict and resolve aircraft conflicts and explain results of mathematical calculations and simulations.

13. Use models and pictures to explain concepts or solve problems involving ratio, proportion, and percent with whole numbers (N-8-M)

--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.

**Measurement**

**Grade-Level Expectations**

20. Calculate, interpret, and compare rates such as \$/lb., mpg, and mph (M-1-M) (A-5-M)

***LineUp With Math™* Activities**

--Identify and resolve distance, rate, time conflicts in air traffic control problems by varying plane speeds or changing plane routes.